SUUNTO KB-20 COMPASS

USER GUIDE

1. Compass anatomy

1. Optics
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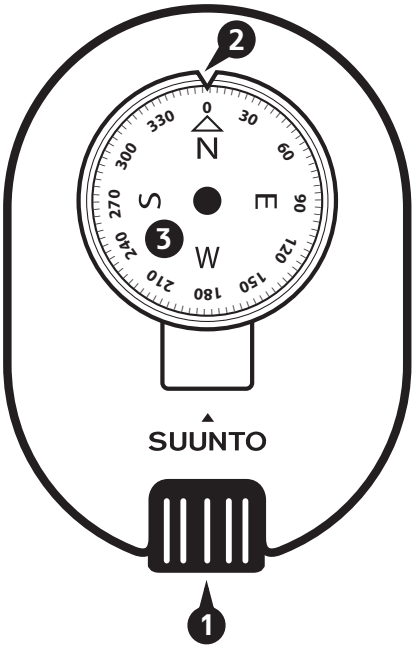
3. Compass card



2. Orienting the map

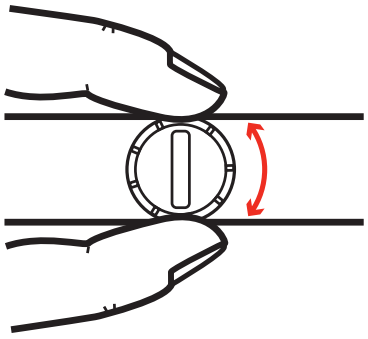
To better understand your surroundings, you should use your compass to first turn your map in the right direction. This ensures the geographic features around you are in the same general direction as you see them on the map.

1. Hold your compass level and look at the red end of the needle to see where north is.
2. Turn the map so that the northern upper edge is pointing north.

3. Adjust focus

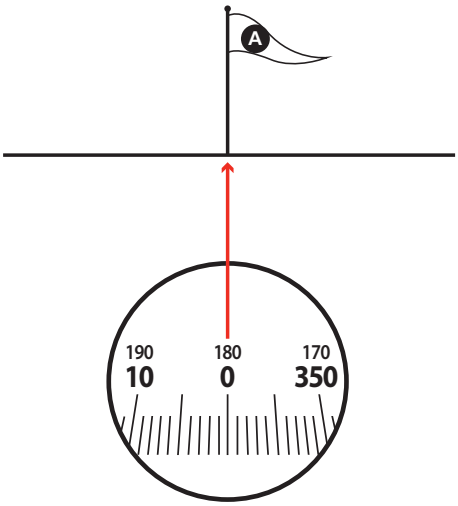
1. Close one eye and look through optics.
2. Turn optics knob until numbers are clear.

NOTE: For best viewing, the oval-shaped aperture should be aligned with the sighting line.



4. Sight a bearing

1. Keep both eyes open and look through optics towards target object. An optical illusion makes the object and sighting line appear to overlap, allowing an accurate reading.
2. Read value from sighting line.



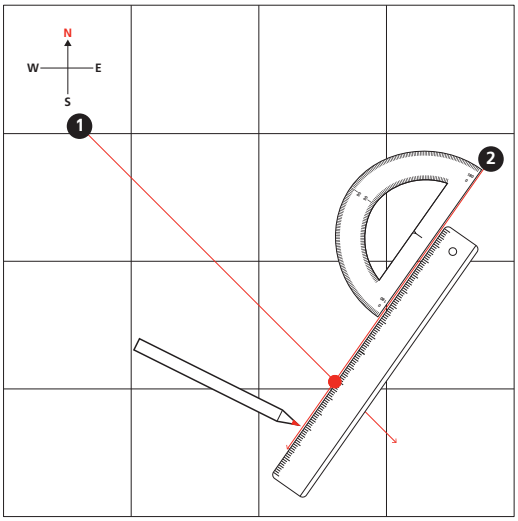
The main scale is the bearing from you to the object. The secondary scale is the reverse bearing from the object to you.

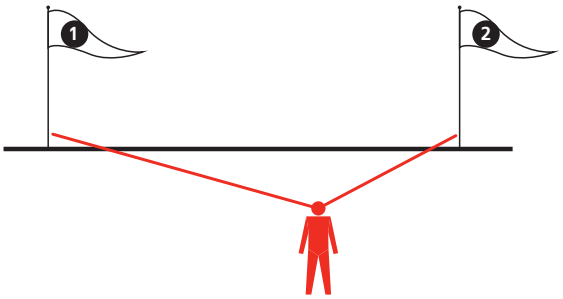
NOTE: IF YOUR EYES ARE NOT PARALLEL, AS IN THE CASE OF HETEROPHORIA, YOU MAY NEED TO SIGHT WITH ONE EYE. CHECK BY FIRST TAKING A READING WITH BOTH EYES OPEN. THEN CLOSE THE EYE LOOKING AT THE OBJECT. IF YOUR READING CHANGES SIGNIFICANTLY, USE JUST ONE EYE TO SIGHT OBJECT AND TAKE READING.

5. Triangulation

You can sight two or more bearings and use triangulation to accurately determine where you are.

1. Take reverse bearing of at least two objects visible from your viewpoint and indicated on your map.
2. Using a protractor and straight line tool, draw lines on map from position of objects according to measured bearings.
3. Estimate your current position based on where the lines intersect.





6. Care

Use only fresh water and mild soap for cleaning. Clean your compass regularly.

To clean optics, unscrew optics knob until it comes completely out. Rinse interior cavity with water. Remove dust and excess water with cotton swab. Allow unit to dry completely before reassembling.

Operating/storage temperature:
-30° C - +60° C / -22° F - +140° F

⚠ CAUTION: DO NOT APPLY SOLVENT OF ANY KIND.

⚠ CAUTION: DO NOT APPLY INSECT REPELLENT.

⚠ CAUTION: DO NOT KNOCK OR DROP.

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